

## **Claims**

### **We claims**

1. A kind of multifunctional active water preparing device consists of upper cover 1, gasket seal 2, O-shape lock ring 3, outer casing 4, inner core 5, magnetizer 6, permanent magnet 7, rust preventing PP-R plastic pipe bushing 8, magnetic field channel 9, O-shape lock ring 10, lower cover 11, gasket seal 12. This new type has these features: The magnetizer 6 is installed in the inner core 5, the permanent magnet 7 is installed in the magnetizer 6;

2. A kind of multifunctional active water preparing device, based on Request Item 1, which is characteristic of: The out casing 4, which is connected at it two ends with upper cover 1 and lower cover 11 by source nipple, is sealed with gasket seal 2 and 12 and O-shape lock ring 3 and 10.

3. A kind of multifunctional active water preparing device, based on Request Item 1, which is characteristic of: Poles of permanent magnet 7 are spaced with Pole S and Pole N one next to the opposite all along the circumferential wall of magnetizer 6, forming layers of web-shaped magnetic circuits (a web of magnetic force lines); thus a multiple-layer static magnetic field channel 9 is formed.

4. A kind of multifunctional active water preparing device, based on Request Item 1, which is characteristic of: Along the inner side of the permanent magnet 7 the rust preventing PP-R plastic pipe bushing 8 is installed.

